

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 February 2001 (08.02.2001)

PCT

(10) International Publication Number
WO 01/09276 A1

(51) International Patent Classification⁷: C11D 3/39, 17/06

(21) International Application Number: PCT/EP00/06934

(22) International Filing Date: 20 July 2000 (20.07.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
99810684.3 28 July 1999 (28.07.1999) EP

(71) Applicant (for all designated States except US): CIBA
SPECIALTY CHEMICALS HOLDING INC. [CH/CH];
Klybeckstrasse 141, CH-4057 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HAZENKAMP,
Menno [NL/CH]; Fatiostrasse 14, CH-4056 Basel
(CH). BACHMANN, Frank [DE/DE]; Lehener Strasse
148, D-79106 Freiburg (DE). MAKOWKA, Cornelia
[DE/DE]; Scheffelstrasse 14, D-79725 Laufenburg (DE).
KVITA, Petr [CH/CH]; Binnigerstrasse 4d, D-4153
Reinach (CH). KURATLI, Rolf [CH/CH]; Im Heimatland
8, CH-4058 Basel (CH). SCHMIDLIN, Anita [CH/CH];
Bodenackerstrasse 6 C, CH-4334 Sisseln (CH).

(74) Common Representative: CIBA SPECIALTY CHEMI-
CALS HOLDING INC.; Patentabteilung, Klybeckstrasse
141, CH-4057 Basel (CH).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,
GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD,
TG).

Published:

- With international search report.
- Before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments.

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: WATER-SOLUBLE GRANULES OF SALEN-TYPE MANGANESE COMPLEXES

(57) Abstract: Water-soluble granules of salen-type manganese complexes that are suitable as catalysts in reactions with peroxy compounds are described. The granules are used especially in washing agents. They are distinguished by retarded dissolution and improved action of the manganese complexes.

204276" 54084007

WO 01/09276 A1